EAST Search History

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|----------|---|---|---------------------|---------|---------------------|
| L1 | 11084455 | (tile or section or area or subarea or subsection or partition or subpartition or square or rectangle or region or subregion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:33 |
| L2 | 335154 | ((array or matrix) near15 L1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:33 |
| L3 | 219790 | L2 and (well or n-well or p-well) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:33 |
| L4 | 2 | L3 and ((716/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18.cds.)) and @ad<="20040203" and ((deep or depth) adj N-well) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:34 |
| L5 | 3 | ((716/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18.cds.)) and @ad @ad ="20040203" and (tile or section or area or subarea or partition or square or rectangle or region or subregion) and (array or matrix) and (well or N-well or P-well) and ((deep or depth) adj (well or N-well or P-well)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:47 |
| L6 | 4 | (("716"(\$.cols.)) and @ad<="20040203" and (tile or section or area or subarea or partition or square or rectangle or region or subregion) and (array or matrix) and (well or N-well or P-well) and ((deep or depth) adj (well or N-well or P-well)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:47 |

| 7 | 112 | ((tile or section or area or subarea or partition or square or rectangle or region or subregion) and (array or matrix) and (well or N-well or P-well) and ((deep or depth) adj (well or N-well or P-well))).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:48 |
|-----|------|--|---|----|-----|---------------------|
| .8 | 53 | ((tile or section or area or subarea or partition or square or rectangle or region or subregion) and (array or matrix) and (well or N-well or P-well) and ((deep or depth) adj (well or N-well or P-well))).clm. | US-PGPUB | OR | ON | 2009/03/30 06:48 |
| 9 | 20 | 8 and @ad<="20040203" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:49 |
| .10 | 6 | 8 and @ad<="20040203" and ((deep or depth) adj ((N-well) or (P-well))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:50 |
| 11 | 934 | (716/13).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 06:54 |
| 12 | 6 | ((716/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18.cds.)) and @ad<="20040203" and ((deep or depth) adj (well or N-well or P-well)) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:55 |
| .13 | 1522 | 712/e9.035.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 06:57 |

| L14 | 2167 | (716/1).CQ.S. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | OFF | 2009/03/30 06:58 |
|-----|------|--|---|----|-----|---------------------|
| L15 | 3675 | (716/4).CQ.S. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; JBM_TDB | OR | OFF | 2009/03/30 06:58 |
| L16 | 1453 | (716/12).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/30 06:58 |
| S1 | 6 | (("6489224") or ("6218708") or ("6087892") or ("6303444") or ("6048746") or ("6091283")).PN. | USPAT | OR | OFF | 2007/11/08 07:03 |
| S2 | 483 | (438/289).CCLS. | USPAT | OR | OFF | 2006/11/08 13:48 |
| 33 | 645 | "438"/\$.ccls. and ((deep or depth) adj well) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; BM_TDB | OR | ON | 2007/11/08 07:35 |
| S4 | 1375 | "257"/\$.ccls. and ((deep or depth) adj well) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 15:08 |
| S5 | 652 | "257"/\$.cds. and ((deep or depth) adj well) and pattern | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 15:36 |

| 36 | 345 | *438"/\$.cds. and ((deep or depth) adj well) and pattern | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 11:20 |
|-----|-----|---|---|----|----|---------------------|
| 57 | 52 | ("4365172" "4700212" "5362981" "5471421" "5566120" "5581500" "5594371" "5606270" "5612645" "5622880" "5640115" "5650340" "5675172" "5719422" "5726477" "5751170" "5753958" "5773863" "5780912" "5783958" "5811871" "5916237" "5923987" "5830642" "5939757" "5942781" "5982211" "5985705" "5985727" "5998850" "6031778" "6048746" "6072217" "6087892" "6091283" "6093951" "6100567" "6110783" "6118328" "6121666" "6133762" "6137142" "6144079" "6180443" "6190954" "6211003" "6211725" "6231147" "6255853" "6287912" "6310487" "6329874").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/27 13:57 |
| 8 | 0 | "438"/\$.cds. and ((deep or depth) adj well) and (deep adj N-well adj pattern) | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/27 14:01 |
| 9 | 0 | "257"(\$.cds. and ((deep or depth) adj well) and (deep adj N-well adj pattern) | US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/27 14:01 |
| 310 | 0 | ((integrated adj circuit) or ("IC")) and ((deep or depth) adj well) and (deep adj N-well adj pattern) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/27 14:02 |
| S11 | 0 | ((integrated adj circuit) or ("IC")) and (deep adj N-well adj pattern) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/27 14:02 |

| S12 | 0 | ((integrated adj circuit) or ("IC")) and (deep adj well adj pattern) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2006/04/27 14:02 |
|-----|------|--|---|----|----|---------------------|
| S13 | 4 | ((integrated adj circuit) or ("IC")) and ((deep or depth) adj well adj pattern) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/27 14:02 |
| S14 | 1424 | ((deep or depth) adj N adj well) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/30 13:24 |
| S15 | 1058 | ((deep or depth) adj N adj well) and @ad<="20040203" | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2006/10/30 13:25 |
| S16 | 338 | ((deep or depth) adj N adj well) and @ad<="20040203" and pattern | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/29 13:02 |
| S17 | 547 | ((deep or depth) adj N adj well) and @ad<="20040203" and pattern\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/30 13:26 |

| S18 | 0 | (((deep or depth) adj N adj well) and @ad<= "20040203" and (((deep or depth) adj N adj well) adj pattern) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 09:53 |
|-----|----|---|---|----|-----|---------------------|
| S19 | 4 | ((deep or depth) adj N adj well) and @ad<="20040203" and (((deep or depth) adj N adj well) near pattern) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 09:53 |
| S20 | 62 | ((deep or depth) adj N adj well) and @ad<="20040203" and (((deep or depth) adj N adj well) same pattern) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 09:53 |
| S21 | 36 | ((deep or depth) adj N adj well) and @ad<="20040203" and (((deep or depth) adj N adj well) with pattern) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 09:55 |
| S22 | 2 | (("20050280000") or ("20050127450")).PN. | US-PGPUB | OR | OFF | 2006/11/08 10:38 |
| S23 | 4 | "438"/\$.cds. and ((deep or depth) adj well) and tile | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 10:04 |
| S24 | 3 | *438"/\$.cds. and ((deep or depth) adj well) and tile and array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 10:06 |

| \$25 | 3 | "257"/\$.cds. and ((deep or depth) adj well) and tile and array | US PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 10:06 |
|------|------|---|---|----|-----|---------------------|
| S26 | 6 | semiconductor and ((deep or depth) adj well) and tile and array | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; UBM_TDB | OR | ON | 2006/11/08 10:06 |
| \$27 | 937 | (438/289).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; JBM_TDB | OR | OFF | 2006/11/08 13:50 |
| S28 | 783 | (438/526).CQLS. | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; BM_TDB | OR | OFF | 2006/11/08 13:49 |
| S29 | 4013 | (438/17).CCLS. | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/08 13:49 |
| S30 | 1379 | (438/217).CQLS | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/08 13:50 |

| S31 | 717 | (438/241).COLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; JBM_TDB | OR | OFF | 2006/11/08 13:52 |
|-----|--------|-------------------|---|----|-----|---------------------|
| S32 | 1114 | (438/275).CO.LS. | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/08 13:52 |
| S33 | 351 | (438/210).CQLS. | US PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/08 13:53 |
| S34 | 1299 | (438/238). CO.LS. | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/08 13:53 |
| S35 | 403 | (438/382).CO.LS. | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/08 13:53 |
| S36 | 445230 | tile | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 11:20 |

| S37 | 126 | S36 and ((deep or depth) adj well) and pattern | US PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 12:15 |
|---------|-----|---|---|----|-----|---------------------|
| S38 | 61 | \$36 and ((deep or depth) adj well) and pattern and @ad<="20040203" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 11:23 |
| 339 | 3 | S38 and (N-type or N-well) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 11:23 |
| 540 | 59 | ["1153418" "1698891" "1829886" "1875074" "1897139" "2064473" "2099131" "2779429" "3180783" "3624975" "3712413" "3921358" "3998685" "4198257" "4244439" "4274243" "4296831" "4634622" "4717614" "4775440" "4821839" "4869942" "4964486" "4971850" "5052162" "5160816" "5181361" "5186980" "5209802" "5287669" "5375387" "5401921" "5426902" "5660014" "5665943" "5764782" "5817992" "580263" "5959264" "6038827" "6105329" "6112492" "6112852" "6190754" "6290022" "6355132" "6431312" "D247786" "D291601").PN. | IUS-PGPUB; IUSPAT; USOCR | OR | ON | 2007/05/02 11:32 |
| 341 | 0 | (("1153418" "1698891" "1829886" "1875074" "1897139" "2064473" "2099131" "2779429" "3180783" "3624975" "3712413" "3921358" "3998685" "4198257" "4244439" "4274243" "4298831" "4634622" "4717614" "4775440" "4821839" "4869942" "4964486" "4971850" "5052162" "5160816" "5181361" "5186980" "5209802" "5287669" "5375387" "5401921" "5426902" "5660014" "5665943" "5764782" "5817992" "580263" "5959264" "6038827" "6105329" "6112492" "6112852" "6190754" "6290022" "6355132" "6431312" "D247786" "D291601").PN.) and (N-type or N-well) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 11:33 |
| S42 | 4 | (("6492593") or ("4885135") or ("5945065") or ("4807021")).PN. | USPAT | OR | OFF | 2007/11/08 08:15 |

| S43 | 2 | ("5263246" "5658664").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 13:20 |
|-----|------|--|---|----|-----|---------------------|
| S44 | 10 | ("4080485" "4885135" "4938923" "4950866" "4970365" "5384090" "5842628" "5945065" "5989364" "6239376"). P N. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 13:22 |
| 345 | 1 | ("5665943").PN. | USPAT | OR | OFF | 2007/05/14 10:44 |
| S46 | 556 | ((deep or depth) adj N adj well) and @ad<="20040203" and pattern\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/29 13:06 |
| S47 | 4 | ((deep or depth) adj N adj well) and @ad<="20040203" and pattern\$4 and tile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/29 13:07 |
| 348 | 2962 | ((integrated adj circuit) or ("IC")) and @ad<="20040203" and tile and larray | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 15:06 |
| S49 | 2 | ((integrated adj circuit) or ("IC")) and @ad<="20040203" and tile and array and (deep adj well) and pattern | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 15:05 |
| S50 | 2 | ((integrated adj circuit) or ("IC")) and @ad<="20040203" and tile and array and (deep adj well) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 15:05 |

| S51 | 2 | ((integrated adj circuit) or ("IC")) and @ad<="20040203" and tile and array and (deep adj well) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 15:05 |
|-----|-----|---|---|----|----|---------------------|
| S52 | 130 | ((integrated adji circuit) or ("IC")) and @ad<="20040203" and (tile adji array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:29 |
| S53 | 0 | 10/772029 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/07 15:08 |
| S54 | 1 | 11/182248 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:03 |
| S55 | 123 | ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile adj array) and well | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:30 |
| S56 | 39 | ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile adj array) and well and (deep or depth) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:30 |

| S57 | 0 | ((deep or depth) adj well adj pattern) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile adj array) | US PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:35 |
|-----|----|--|---|----|----|---------------------|
| S58 | 0 | ((deep or depth) adj well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile adj array) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:35 |
| S59 | 0 | ((deep or depth) adj well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile near array) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:35 |
| 360 | 2 | ((deep or depth) adj well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile same array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:31 |
| 361 | 2 | ((deep or depth) adj well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile with array) | US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; BM_TDB | OR | ON | 2007/11/08 07:38 |
| 362 | 5 | ((deep or depth) adj well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile and array) | US PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 07:36 |
| S63 | 16 | "345"/\$.ccls. and (tile adj array) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" | US PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 08:06 |

| S64 | 6 | [(("6489224") or ("6218708") or ("6087892") or ("6303444") or ("6048746") or ("6091283")).PN. | USPAT | OR | OFF | 2007/11/08 08:15 |
|-----|-----|--|---|----|-----|---------------------|
| 365 | 0 | ((deep or depth) adj N-well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile same array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:32 |
| S66 | 2 | ((deep or depth) adj N-well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile and array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:33 |
| 367 | 218 | ((deep or depth) adj N-well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:33 |
| 668 | 3 | ((deep or depth) adj N-well) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:33 |
| S69 | 218 | ((deep or depth) adj ("N-well")) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:34 |
| S70 | 0 | ((deep or depth) adj ("N-well")) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile adj array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:34 |

| S71 | 2 | ((deep or depth) adj ("N-well")) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile and array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:35 |
|-----|-----|--|---|----|----|---------------------|
| S72 | 0 | (((deep or depth) adj ("N-well")) adj pattern\$3) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" and (tile and array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:35 |
| S73 | 0 | (((deep or depth) adj ("N-well")) adj pattern\$3) and ((integrated adj circuit) or ("IC")) and @ad<="20040203" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:36 |
| S74 | 0 | (((deep or depth) adj ("N-well")) adj pattern\$3) and @ad<="20040203" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:36 |
| S75 | 4 | (((deep or depth) near ("N-well")) near pattern\$3) and @ad<="20040203" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:37 |
| S76 | 113 | (((deep or depth) with ("N-well")) with pattern\$3) and @ad<="20040203" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:37 |

| S77 | 46 | ((((deep or depth) with ("N-well")) with pattern\$3) and @ad<="20040203" and (tile or array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:38 |
|---------|----|---|---|----|----|---------------------|
| S78 | 0 | (((deep or depth) with ("N-well")) with pattern\$3) and @ad<="20040203" and (tile adj array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:38 |
| S79 | 0 | (((deep or depth) with ("N-well")) with pattern\$3) and @ad<="20040203" and (tile and array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:38 |
| 580 | 0 | (((deep or depth) with ("N-well")) with pattern\$3) and (@ad<="20040203" and (tile) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:38 |
| 381 | 46 | (((deep or depth) with ("N-well")) with pattern\$3) and (@ad<="20040203" and (array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/08 11:38 |
| 383 | 0 | ((deep or depth) adj N adj well) and @ad<="20040203" and (((deep or depth) adj N adj well) near pattern) and (stack\$4 or tile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 22:58 |
| 384 | 0 | ((deep or depth) adj N adj well) and @ad<="20040203" and (((deep or depth) adj N adj well) adj pattern) and (stack\$4 or tile) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 22:58 |

| 385 | 230 | ((deep or depth) adj N adj well) and @ad<="20040203" and (((deep or depth) adj N adj well) and pattern\$4) and (stack\$4 or tile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 22:58 |
|-----|-----|---|---|----|-----|---------------------|
| 386 | 0 | 10/772029 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/20 22:58 |
| 387 | 3 | (("20060065887") or ("20020173083") or ("20030011036")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/21 09:39 |
| 588 | 53 | (hydrolyz\$4 near (zinc or ("Zn"))) and ((zinc adj oxide) or ("ZnO")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:50 |
| 389 | 26 | (hydrolyz\$4 near (zinc or ("Zn"))) same ((zinc adj oxide) or ("ZnO")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:50 |
| 390 | 21 | (hydrolyz\$4 near (zinc or ("Zn"))) with ((zinc adj oxide) or ("ZnO")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 12:50 |
| 391 | 1 | 11/670568 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/21 13:39 |
| 394 | 3 | (("5,798,937") or ("20040255258") or ("7,007,258")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/21 13:43 |

| S95 | 2 | (("5391354") or ("6710091")).PN. | USPAT | OR | OFF | 2008/05/21 14:47 |
|-------|----|---|---|----|-----|---------------------|
| 396 | 7 | (("7158220") or ("6940108") or ("6906361") or ("6614121") or ("6486558") or ("6020616") or ("7274074")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/21 14:52 |
| S97 | 2 | ("6498592"). PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/05/22 08:50 |
| 398 | 1 | 10/555679 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/22 15:19 |
| 399 | 0 | 10/772029 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 07:39 |
| \$100 | 50 | (("20070253640") or ("3832485") or ("3835245") or ("5007001") or ("5191416") or ("5363213") or ("5377637") or ("5778392") or ("5828771") or ("6101293") or ("6566210") or ("6666451") or ("6871928") or ("7006659") or ("7075681") or ("7110608") or ("7216868") or ("7222322") or ("20020172429") or ("20040114810") or ("20040156548") or ("20040218099") or ("2005052522") or ("20050259820") or ("20070064018") or ("3603673") or ("3714636") or ("3739348") or ("4007362") or ("4980840") or ("5079625") or ("5132901") or ("5208905") or ("5235681") or ("5247372") or ("5365599") or ("5374954") or ("5442541") or ("5467293") or ("5544046") or ("5548708") or ("5619700") or ("5540499") or ("5546999") or ("5569539") or ("5666503")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/22 07:43 |
| S101 | 0 | ((complementary adj metal adj oxide adj semiconductor) or ("CMOS")) and ((deep or depth) adj well adj pattern\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 07:48 |

| S102 | 1221 | ((complementary adj metal adj oxide adj semiconductor) or ("CMOS")) and ((deep or depth) adj well) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 07:48 |
|------|------|---|---|----|----|---------------------|
| S103 | 33 | S102 and tile | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 07:49 |
| S104 | 35 | (((complementary adj metal adj oxide adj semiconductor) or ("CMOS")) or ((field adj effect\$4 adj transistor) or ("FET"))) and ((deep or depth) adj well) and tile | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 07:53 |
| S105 | 17 | semiconductor and ((deep or depth) adj well) and tile | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 07:54 |
| S106 | 17 | ("20030121017" "20030229876" "20030237064" "20040019870" "20040128636" "20060026551" "20060277520" "20060282798" "20070038430" "5552333" "5636128" "6260179" "6405358" "6412102" "6536028" "6892375" "7003748").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/11/22 08:09 |
| S107 | 0 | ("7305647").URPN. | USPAT | OR | ON | 2008/11/22 08:15 |
| S108 | 190 | pelham.inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/22 08:18 |

| S109 | 8 | S108 and michael | US PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2008/11/22 08:18 |
|------|--------|--------------------|---|----|----|---------------------|
| S110 | 767167 | burr.inv. james | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2008/11/22 08:24 |
| S111 | 2018 | burr.inv. | US PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2008/11/22 08:24 |
| S112 | 216 | S111 and james | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2008/11/22 08:24 |
| S113 | 27 | S112 and transmeta | US PGPUB; USPAT; USOCR; FPRS; EPC; JPC; DERWENT; JBM_TDB | OR | ON | 2008/11/22 08:26 |
| S114 | 5 | "7049699" | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPC; DERWENT; JBM_TDB | OR | ON | 2008/11/23 20:22 |

| S115 | 50 | (("20070253640") or ("3832485") or ("3835245") or ("5007001") or ("5191416") or ("5363213") or ("5377637") or ("578392") or ("5828771") or ("6101293") or ("6556210") or ("6666451") or ("6871928") or ("7006659") or ("7075681") or ("7110608") or ("7216868") or ("7222322") or ("20020172429") or ("20040114810") or ("20040156548") or ("20040218099") or ("2005052522") or ("20050259820") or ("20070064018") or ("3603673") or ("3714636") or ("3739348") or ("4007362") or ("4980840") or ("5079625") or ("5132901") or ("5208905") or ("5235681") or ("5247372") or ("5365599") or ("5374954") or ("5442541") or ("5467293") or ("5544046") or ("5548708") or ("5619700") or ("5540499") or ("5546999") or ("5569539") or ("5666503")).PN. | (US-PGPUB; (USPAT | OR | OFF | 2008/11/23 |
|------|----|--|---|----|-----|---------------------|
| S116 | 0 | 10/772029 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 21:39 |
| S117 | 0 | tile with (deep adj (N-well) adj pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 22:07 |
| S118 | 0 | tile and (deep adj (N-well) adj pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 22:08 |
| S119 | 0 | (tile adj array) and (deep adj (N-well) adj pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 22:08 |

| S120 | 190 | pelham.inv. | US-PGPUB; USPAT; USOCR: FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2009/03/25 22:09 |
|------|------|------------------|---|----|----|---------------------|
| S121 | 8 | S120 and michael | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2009/03/25 22:09 |
| S122 | 1 | S121 and tile | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; JBM_TDB | OR | ON | 2009/03/25 22:09 |
| S123 | 2036 | burr.inv. | US PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2009/03/25 22:12 |
| S124 | 218 | S123 and james | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2009/03/25 22:12 |
| S125 | 0 | S124 and tile | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2009/03/25 22:12 |
| S126 | 34 | S124 and array | US-PGPUB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; JBM_TDB | OR | ON | 2009/03/25 22:13 |

| S127 | 26 | S126 and well | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 22:13 |
|------|------|--|---|----|----|---------------------|
| S128 | 1 | S127 and n-well | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 22:14 |
| S129 | 1 | 11/306386 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 22:17 |
| S130 | 0 | "716"(\$.ccls. and tile and (deep adj (N-well) adj pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 12:37 |
| S131 | 0 | "716"/\$.ccls. and (deep adj (N-well) adj pattern) and array | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 12:37 |
| S132 | 5 | "716"/\$.cds. and ((N-well) adj pattern) and array | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 12:37 |
| S133 | 2541 | ((thin adj film adj transistor) or ("TFT")) and gate and amorphous and crystall\$5 and channel and source and drain and (source adj (gate or electrode)) and (drain adj (gate or electrode)) and (metal adj (layer or film)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 14:40 |

| S134 | 1 | 11/744299 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 14:40 |
|------|----------|--|---|----|----|---------------------|
| S135 | 1839 | ((thin adj film adj transistor) or ("TFT")) and gate and amorphous and crystall\$5 and channel and source and drain and (source adj (gate or electrode)) and (drain adj (gate or electrode)) and (metal adj (layer or film)) and @ad<="20060510" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 14:41 |
| S136 | 332 | ((thin adj film adj transstor) or ("TFT")) and gate and amorphous and crystall\$5 and channel and source and drain and (source adj (gate or electrode)) and (drain adj (gate or electrode)) and (metal adj (layer or film)) and @ad<="20060510" and ("N+") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 14:52 |
| S137 | 15 | ((thin adj film adj transistor) or ("TFT")) and gate and amorphous and crystall\$5 and channel and source and drain and (source adj (gate or electrode)) and (drain adj (gate or electrode)) and (metal adj (layer or film)) and @ad<="20060510" and (("N+") adj (silicon or ("S"))) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 14:53 |
| S138 | 11082243 | (tile or section or area or subarea or subsection or partition or subpartition or square or rectangle or region or subregion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:49 |
| S139 | 335129 | S138 and ((array or matrix) near15 S138) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:50 |
| S140 | 335129 | ((array or matrix) near15 S138) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:50 |

| S141 | 219789 | (S140 and (well or n-well or p-well) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:51 |
|------|----------|---|---|----|-----|---------------------|
| S142 | 0 | ("L3 near15 L4") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:53 |
| S143 | 34427 | S141 and ((716/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18.ods.) or ("257"/\$.cols.)) | US PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:56 |
| S144 | 34427 | S143 and S141 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 22:57 |
| S145 | 4659541 | (tile or section or area or subarea or subsection or partition or subpartition or square or rectangle or region or subregion) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 23:01 |
| S146 | 10474231 | (merg\$3 or combin\$5 or add\$3 or sum\$7) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/27 23:03 |
| S147 | 506596 | S138 near5 S146 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/27 23:03 |

| S148 | 5751 | S144 and S147 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/27 23:06 |
|------|------|--|---|----|-----|---------------------|
| S149 | 3559 | S148 and @ad<="20040203" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/27 23:06 |
| S150 | 1328 | S141 and ((716/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18.cds.)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 23:07 |
| S151 | 5751 | S148 and S141 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 23:08 |
| S152 | 5751 | S151 and S147 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/27 23:09 |
| S153 | 3559 | S152 and @ad<="20040203" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/27 23:10 |

| S154 | 851 | S141 and ((716/1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18.ccls.)) and @ad<="20040203" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; [IBM_TDB | OR | ON | 2009/03/27 23:11 |
|------|-----|---|--|----|----|---------------------|
| S155 | | 11/463169 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/27 23:20 |

3/30/097:29:44 AM

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